

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,918,920 B1  
DATED : July 19, 2005  
INVENTOR(S) : Edwin Wang et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], References Cited, U.S. PATENT DOCUMENTS, insert the following:

3,832,253	8/1974	Di Palma
3,865,666	2/1975	Shoney
3,884,242	5/1975	Bazell
4,157,094	6/1979	Patel
4,276,874	7/1981	Wolvek
4,385,635	5/1083	Ruiz
4,413,989	11/1983	Schjeldahl et al.
4,496,345	1/1985	Hasson
4,540,404	9/1985	Wolvek
4,702,252	10/1987	Brooks
4,706,670	11/1987	Anderson
4,782,834	11/1988	Maguire
4,917,667	4/1990	Jackson
4,921,483	5/1990	Wijay et al.
5,078,702	7/1992	Pomeranz
5,171,232	12/1992	Castillo et al.
5,234,416	8/1993	Macaulay et al.
5,250,069	10/1993	Nobuyoshi et al.
5,267,959	12/1993	Forman
5,366,442	11/1994	Wang et al.
5,425,712	6/1995	Goodin
5,697,906	12/1997	Ariola et al.
5,728,063	3/1998	Preissman et al.
5,728,065	3/1998	Follmer et al.
5,762,637	6/1998	Berg et al.
5,769,819	6/1998	Schwab et al.
5,769,730	6/1998	Parker
5,827,225	10/1998	Schwab
5,843,090	12/1998	Schuetz
5,891,110	4/1999	Larson
6,193,686 B1	2/2001	Estrada et al.
6,368,301 B1	4/2002	Hamilton

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page (cont'd).

FOREIGN PATENT DOCUMENTS, insert the following:

DE 3900635 A1 12/1990  
EP 0597465 A1 5/1994  
EP 1103280 A1 11/1996  
EP 0517075 A1 1/1997  
EP 0742029 A1 5/2001  
GB 2337094 A 10/1999  
WO 99/44666 10/1999  
WO 01/34240 5/2001

Column 2.

Line 29, delete "secure" and insert -- secured --.

Column 5, line 43 through Column 8, line 13.

Delete in its entirety and insert the following claims:

**1. A balloon catheter, comprising:**

a) an elongated shaft having a proximal end, a distal end, a proximal shaft section, a distal shaft section, an outer tubular member defining an inflation lumen, and an inner tubular member defining a portion of a guidewire receiving lumen extending along at least a portion of the distal shaft section, and a polymeric distal tip member having a proximal end secured to a distal end of the inner tubular member to form a joint with the distal end of the inner tubular member, the distal tip member defining a distal portion of the guidewire receiving lumen in fluid communication with the portion of the guidewire receiving lumen defined by the inner tubular member and a port at the distal end of the shaft, the polymeric material of the distal tip member having a first Shore durometer hardness;

b) a balloon on the distal shaft section having a proximal shaft section bonded to the outer tubular member, a distal shaft section bonded to the inner tubular member, an inflatable section, and an interior in fluid communication with the inflation lumen; and

c) a polymeric sleeve secured to the distal tip member and the inner tubular member, and disposed about the joint between the distal tip member and the inner tubular member, and having a proximal end located distal to the distal end of the balloon, and a distal end located proximal to a distal end of the distal tip member, the polymeric material of the sleeve having a second Shore durometer hardness which is less than the first Shore durometer of the distal tip member.

**2. The balloon catheter of claim 1 wherein the proximal end of the sleeve butts-up to the distal end of the balloon distal shaft section.**

**3. The balloon catheter of claim 1 wherein the proximal end of the distal tip member forms a butt-joint with the distal end of the inner tubular member.**

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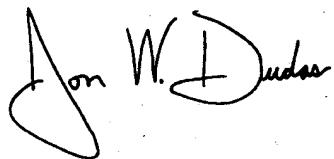
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 43 through Column 8, line 13 (cont'd).

4. The balloon catheter of claim 1 wherein the polymeric material of the sleeve is compatible with the polymeric material of the distal tip member and is fusion bonded thereto.
5. The balloon catheter of claim 1 wherein the second Shore durometer hardness of the polymeric material of the sleeve is not less than about 40D, and the first Shore durometer hardness of the polymeric material of the distal tip member is about 55D.
6. The balloon catheter of claim 1 wherein the polymeric material of the distal tip member is a polyether block amide.
7. The balloon catheter of claim 1 wherein the proximal end of the distal tip member extends proximally over the distal end of the catheter shaft which extends beyond the distal balloon shaft section.

Signed and Sealed this

Twenty-ninth Day of November, 2005



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*